

228-445

07/17/2013

1/12



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

George Meindl
Nufarm Americas Inc.
11901 S. Austin Avenue
Alsip, IL 60803

JUL 17 2013

Subject: Notification; Per PR-Notice 98-10
Trupower³ Selective Herbicide
EPA Reg. No. 228-445
Date Submitted: July 9, 2013

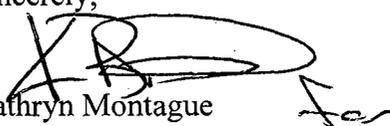
Alternate Name: Change Up Selective Herbicide

Dear Mr. Meindl:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated July 9, 2013 for the product referenced above. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10. The label submitted with the application has been stamped "Notification" and will be placed in our records.

If you have any questions regarding this letter, please contact Kable Bo Davis at (703) 306-0415 or davis.kable@epa.gov.

Sincerely,


Kathryn Montague
Product Manager 23
Herbicide Branch
Registration Division (7505P)



United States
Environmental Protection Agency
Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 228-445	2. EPA Product Manager Kathryn Montague	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Change Up Selective Herbicide	PM# 23	
5. Name and Address of Applicant (Include ZIP Code) Nufarm Americas, Inc. 11901 S. Austin Avenue Alsip, IL 60803 <input checked="" type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____	NOTIFICATION
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.	
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.	

JUL 17 2013

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Label notification (adding an alternate brandname) consistent with PRN98-10, see cover letter for detailed explanation. This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make false statements to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	<input type="checkbox"/> Plastic
				<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	Other (Specify) _____	
		If "Yes" Package wgt	No. per container		
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other _____		

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name George Meindl george.meindl@us.nufarm.com	Title Sr. Regulatory Affairs Manager	Telephone No. (include Area Code) 708.377.1423
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature 	3. Title Sr. Regulatory Affairs Manager	
4. Typed Name George Meindl	5. Date 7/9/2013	



3/12

Nufarm Americas, Inc.
George Meindl
Sr. Regulatory Affairs Manager
 11901 South Austin Avenue
 Alsip, IL 60803
 Phone: 708.377.1423 Fax: 708.377.1425
 george.meindl@us.nufarm.com

July 9, 2013

Via Overnight Courier

Kathryn Montague (PM-23)
 Document Processing Desk (NOTIF)
 Office of Pesticide Programs (7504P)
 U. S. Environmental Protection Agency
 Room S4900, One Potomac Yard
 2777 S. Crystal Drive
 Arlington, VA 22202

Subject: Trupower® 3 Selective Herbicide
 EPA Reg. No. 228-445
 Alternate brand name
 Change Up Selective Herbicide

Dear Ms. Montague:

Nufarm Americas Inc. would like to add an alternate brand name to the subject registration. We would like to add the brand name Change Up Selective Herbicide to the subject registration. We feel that this label change is permitted and consistent with PRN98-10 section II (Labeling notifications) part A (Adding an alternate brand name). The alternate brand name is not false and misleading.

To process this request please find enclosed the following:

- Application for Pesticide Registration (EPA form 8570-1)
- Revised labeling with areas of change clearly identified (1 copy)
- Revised labeling – clean (1 copy)
- Certification with Respect to Label Integrity
- CD containing the proposed labeling, file name: 000228-00445.20130709.EPA.ABN.PR98-10.pdf

If you should have any questions regarding this matter, please feel free to contact me at 708.377.1423 or email at george.meindl@us.nufarm.com.

Sincerely



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Nufarm Americas, Inc.
George Meindl
Sr. Regulatory Affairs Manager
11901 South Austin Avenue
Alsip, IL 60803
Phone: 708.377.1423 Fax: 708.377.1425
george.meindl@us.nufarm.com

A handwritten signature in black ink that reads 'George Meindl'.

George Meindl
Sr. Regulatory Affairs Manager
Nufarm Americas, Inc.

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TRUPOWER³ SELECTIVE HERBICIDE

[alternate brand names]

[Change Up Selective Herbicide]

NOTIFICATION

JUL 17 2013

FOR SELECTIVE BROADLEAF WEED CONTROL
IN ORNAMENTAL LAWNS AND TURF GRASSES.

CONTAINS MCPA, FLUROXYPYR AND DICAMBA

CONTROLS: Dandelion, Chickweed, Black medic, Knotweed, Plantain, Oxalis, Clover, Cocklebur, Thistle and many other species of broadleaf weeds; some of which are listed on this label.

ACTIVE INGREDIENTS:

Dimethylamine Salt of 2-Methyl-4-Chlorophenoxyacetic Acid*	51.05%
1-Methylheptyl Ester of Fluroxypyr: [(4-amino-3-5-dichloro-6-fluoro-2-pyridinyl)oxy]acetic Acid, 1-methylheptyl ester**	6.00%
Dicamba (3,6-Dichloro-o-Anisic Acid)***	4.17%

OTHER INGREDIENTS	38.78%
TOTAL:	100.00%

Isomer Specific Method, Equivalent to:

*2-Methyl-4-Chlorophenoxyacetic Acid	41.68%, 4.0 lbs./gal.
**[(4-amino-3-5-dichloro-6-fluoro-2-pyridinyl)oxy]acetic acid	4.17%, 0.4 lbs./gal.
***3,6-Dichloro-o-Anisic Acid	4.17%, 0.4 lbs./gal.

DO NOT SELL, DISTRIBUTE OR USE THE PRODUCT IN NASSAU AND SUFFOLK COUNTY IN NEW YORK.

KEEP OUT OF REACH OF CHILDREN

WARNING / AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand the label, find someone to explain it to you in detail.)

SEE INSIDE BOOKLET FOR FIRST AID AND ADDITIONAL PRECAUTIONARY STATEMENTS

For Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC (800) 424-9300
For Medical Emergencies Only, Call (877) 325-1840

EPA REG. NO. 228-445
EPA EST. NO. 228-IL-1

Manufactured for
NUFARM AMERICAS INC.
11901 S. Austin Avenue
Alsip, IL 60803



NET CONTENTS: GAL. (Liters)

[Designation as "NONREFILLABLE" or "REFILLABLE" for containers >5gal]
000228-00445.20130709.EPA.ABN.PRN98-10

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS WARNING / AVISO

Causes substantial but temporary eye injury. Harmful if swallowed or absorbed through skin. Do not get in eyes, on skin or on clothing.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are made of waterproof material. If you want more options, follow the instructions for category A on an EPA chemical-resistant selection chart.

Mixers, loaders, applicators, and other handlers must wear:

- long-sleeved shirt and long pants
- shoes plus socks
- chemical-resistant gloves when mixing, loading, or using any hand-held equipment
- protective eyewear (goggles, face shield, or safety glasses)

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS	
Users Should:	
<ul style="list-style-type: none"> • Wash hands, face and arms with soap and water before eating, drinking, chewing gum, using tobacco or using the toilet. • Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. • Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing. 	

FIRST AID	
IF IN EYES	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
IF SWALLOWED	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
IF ON SKIN OR CLOTHING	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 to 20 minutes. • Call a poison control center or doctor for treatment advice.

HOT LINE NUMBER	
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-877-325-1840 for emergency medical treatment information.</p>	

ENVIRONMENTAL HAZARDS

Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted to occur within 48 hours.

This chemical has properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. **READ ENTIRE LABEL BEFORE USING THIS PRODUCT. USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS.**

This pesticide should be used strictly in accordance with the drift and run-off precautions on this label in order to minimize off-site exposure. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Under some conditions this product may have a potential to run-off to surface water or adjacent land. Where possible, use methods which reduce soil erosion, such as no till, limited till and contour plowing; these methods also reduce pesticide run-off. Where feasible, use application techniques such as T-banding and in-furrow techniques which incorporate the pesticide into the soil. Use of vegetation filter strips along rivers, creeks, streams, wetlands, etc. or on the downhill side of fields where run-off could occur will minimize water run-off is recommended.

Low humidity and high temperatures increase the evaporation rate of spray droplets and therefore, the likelihood of increased spray drift. Avoid spraying during conditions of low humidity and/or high temperatures.

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AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about Personal Protective Equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 48 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- coveralls worn over short-sleeve shirt and short pants
- chemical-resistant footwear plus socks
- chemical-resistant gloves made of any waterproof material
- chemical-resistant headgear for overhead exposure, and
- protective eyewear

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses. For Turf use, the maximum number of broadcast applications per treatment site is 2 per year.

Do not allow people (other than applicator) or pets on treatment area during application. Do not enter or allow others to enter the treated area until sprays have dried.

This product is for use on Ornamental Turf Lawns (Residential, Industrial and Institutional), Parks, Cemeteries, Athletic Fields and Golf Courses (Fairways, Aprons, Tees* and Roughs); also for use on Sod Farms.

*Excluding Bentgrass Tees.

SPRAY DRIFT MANAGEMENT

Avoiding spray drift at the application site is the responsibility of the applicator. The interaction of many equipment and weather related factors determine the potential for spray drift. The applicator and the grower are responsible for considering all these factors when making decisions.

Apply only as a medium or coarser spray (ASAE standard 572) or a volume mean diameter of 300 microns or greater for spinning atomizer nozzles.

Apply only when the wind speed is 2-10 mph at the application site.

APPLICATION RESTRICTIONS

Do not apply this product in a way that will contact workers any person, or pet, either directly or through drift. Keep people and pets out of the area during application.

Avoid drift of spray mist to vegetables, flowers, ornamental plants, shrubs, trees and other desirable plants. Do not use on Dichondra, nor on lawns or turf where desirable clovers are present. Avoid fine mists. Use lawn type sprayer with coarse spray as wind drift is less likely. Avoid contact with exposed feeder roots of ornamentals and trees. Maximum control of weeds will be obtained from spring or early fall applications when weeds are actively growing. The degree of weed control and duration of effect will vary with weed size and density, spray rate and coverage, and growing conditions before, during, and after the time of treatment. Use the higher rate for hard-to-control weeds. Do not exceed specified dosages for any area; be particularly careful within the dripline of tree, and other ornamental species. Do not apply to newly seeded grasses until well established. Avoid broadcast applications when air temperature exceeds 90°F. When using in small, spot treatment applications in temperatures over 90°F, turf injury may occur.

Aerial application is prohibited.

When treating Carpetgrass and St. Augustine grass, avoid broadcast applications when air temperature exceeds 80°F. When air temperature exceeds 80°F limit application to spot treatment only.

The suitable use of this product on non-recommended turf species may be determined by treating a small area at any rate/acre which does not exceed 3 pints/acre. The treated area should be observed for any sign of turf injury for a period of 30 days of normal growing conditions to determine the phytotoxicity and efficacy to the treated area.

For optimum results: (1) avoid applying during excessively dry or hot periods unless irrigation is used; (2) turf should not be mowed 1 to 2 days before and following application; (3) reseed no sooner than 3 to 4 weeks after application of this product. Adding oil, wetting agent, or other surfactant to the spray may be used to increase effectiveness on weeds but doing so may reduce selectivity to turf resulting in turf damage. Clean and rinse spray equipment using soap or detergent and water, and rinse thoroughly before reuse for other sprays.

WEEDS CONTROLLED

This product is designed to control many broadleaf weeds such as:

Alder	Common chickweed	Horsetail	Prostrate pigweed	Tarweed
Annual yellow sweet clover	Common mullein	Indiana mallow	Prostrate spurge	Thistle
Artichoke	Common sowthistle	Ironweed	Prostrate vervain	Tick trefoil
Aster	Corn Chamomile	Jewelweed	Puncture vine	Toadflax
Austrian fieldcress	Creeping jenny	Jimsonweed	Purslane	Trailing Crownvetch
Bedstraw	Crimson clover	Kochia	Ragweed Red	Tumble mustard
Beggartick	Croton	Knawel	clover Redroot	Tumble pigweed
Biden	Cudweed	Knotweed	pigweed Red	Tumbleweed
Bindweed	Curly dock	Lambsquarter	sorrel Redstem	Velvet leaf
Bird vetch	Curly indigo	Lespedeza	filaree Rough	Venice mallow
Bitterweed	Dandelion	Locoweed	cinquefoil Rough	Veronica
Bitter wintercress	Dead nettle	Lupine	fleabane	Vervain
Black-eyed Susan	Dock	Mallow	Roundleafed marigold	Vetch
Black medic	Dogbane	Marshelder	Rush	Virginia buttonweed
Black mustard	Dogfennel	Matchweed	Russian pigweed	Virginia creeper
Black-seed plantain	Elderberry	Mexicanweed	Russian thistle St.	Virginia pepperweed
Blessed thistle	English daisy	Milk vetch	Johnswort Scarlet	Wavyleaf bullthistle
Blue lettuce	Fall dandelion	Milkweed bloodflower	pimpernel Scotch	Western clematis
Blue vervain	False dandelion	Mugwort	thistle Sheep	Western salsify
Box elder	False flax	Morningglory	sorrel	White clover
Bracted plantain	False sunflower	Mouseear chickweed	Shepherdspurge	White mustard
Brassbuttons	Fiddleneck	Musk thistle	Slender plantain	Wild mustard
Bristly oxtongue	Field bindweed	Mustard	Smallflower galinsoga	Wild aster
Broadleaf dock	Field pansy	Narrowleaf plantain	Smartweed	Wild buckwheat
Broadleaf plantain	Flea bane (daisy)	Narrowleaf vetch	Smooth dock	Wild carrot
Broomweed	Flixweed	Nettle	Smooth pigweed	Wild four-o'clock
Buckhorn	Florida betony	Nutgrass	Sneezeweed	Wild garlic
Buckhorn plantain	Florida pusley	Orange hawkweed	Southern wild rose	Wild geranium
Bulbous buttercup	Frenchweed	Oxalis	Sowthistle	Wild lettuce
Bull nettle	Galinsoga	Oxeye daisy	Spanishneedle	Wild marigold
Bull thistle	Garlic mustard	Parsley-piert	Spatterdock	Wild onion
Burdock	Goathead	Parsnip	Speedwell	Wild parsnip
Burning nettle	Goatsbeard	Pearlwort	Spiny Amaranth	Wild radish
Bur ragweed	Goldenrod	Pennycress	Spiny cocklebur	Wild rape
Burweed	Ground ivy	Pennywort	Spotted catsear	Wild strawberry
Buttercup	Gumweed	Peppergrass	Spotted knapweed	Wild sweet potato
Canada thistle	Hairy bittercress	Pepperweed	Spotted spurge	Wild vetch
Carolina geranium	Hairy fleabane	Pigweed	Spurge	Willow
Carpetweed	Hawkweed	Pineywoods bedstraw	Spurweed	Witchweed
Catchweed bedstraw	Healall	Plains coreopsis	Stinging nettle	Woolly morningglory
Catsear	Heartleaf drymary	Plantain	Stinkweed	Woodsorrel
Catnip	Hedge bindweed	Poison hemlock	Stitchwort	Woolly croton
Chickweed	Hedge mustard	Poison ivy	Strawberry clover	Woolly plantain
Chicory	Hemp	Poison oak	Sumac	Wormseed
Cinquefoil	Henbit Hoary	Pokeweed	Sunflower	Yarrow
Clover	Hoary cress	Poorjoe	Sweet clover	Yellow rocket
Cockle	Hoary plantain	Povertyweed	Tall nettle	Yellowflower
Cocklebur	Hoary vervain	Prickly lettuce	Tall vervain	pepperweed
Coffeebean	Honeysuckle	Prickly sida	Tansy mustard	and other broadleaf
Coffeeweed	Hop clover	Primrose	Tansy ragwort	weeds.
	Horsenettle	Prostrate knotweed	Tanweed	

RECOMMENDED MIXING INSTRUCTIONS

Fill spray tank with water. Start agitation and slowly add the recommended amount of concentrate. Maintain continuous agitation after mixing and during application. If this product is allowed to stand in tank for extended periods of time, some separation may occur. Reagitate before use.

ORNAMENTAL LAWNS AND TURF

For residential turf and golf course uses, do not apply more than 1.5 lb ae/acre (3 pints product) per year. Do not apply more than 2 applications per year with a minimum retreatment interval of 21 days.

Apply this product at the rate of 2 to 3 pints in 20 to 240 gallons of water per acre (0.73 to 1.10 fl. oz. in 0.5 to 5.5 gallons of water per 1,000 square feet) to control weeds growing in turf grasses planted to Bahia grass, Bent (excluding golf course greens and tees), Bermudagrass, Bluegrass, Carpetgrass, Centipedegrass, Fescue, Ryegrass, St. Augustine grass, and Zoysiagrass.

Lower Volume Equipment: Use as little as 5 gallons of water per acre. Use only application equipment that is capable of spreading a uniform droplet, wetting each weed surface.

NOTE: For all grasses (1) avoid double coverage resulting from overlap unless temporary turf injury can be tolerated and (2) use reduced rates if grass is stressed from heat, drought, etc.

SOD FARMS

For sod farm and grass grown for seed use, do not apply more than 1.5 lb ae/acre (3 pints product) per year.

Do not apply more than 2 applications per year with a minimum retreatment interval of 21 days.

This product is also intended for use on sod farms. This herbicide provides selective broadleaf control in warm season and cool season turfgrass established for commercial sod production.

Timing

Apply this herbicide to broadleaf weeds that are actively growing. Follow-up applications may be required for dense infestations of perennial and biennial weeds. Do not apply this product to Floratam St. Augustinegrass.

The application of this herbicide to grass seedlings is recommended after the second mowing.

The application of this product to newly sodded, sprigged, or plugged grasses should be delayed until 3 to 4 weeks after the sodding, sprigging, or plugging operations. Also, applications to dormant bermudagrass, dormant zoysiagrass and dormant bahiagrass are suggested.

Recommended Rates for Sod Farms

For Bluegrass, Ryegrass and Fescue, apply 2 to 3 pints per acre. For Creeping Bentgrass use 1.25 pints per acre. For Common and Hybrid Bermudagrass, Bahia, Zoysia and St. Augustine grass apply 1.5 to 1.8 pints per acre. Spray volume for Sod Farm application is 5 to 175 gallons per acre.

Generally, the lower application rates will provide satisfactory control of sensitive weeds. The higher application rates will be required for dense infestations of perennial weeds, for adverse/extreme environmental conditions, or for weeds beyond the appropriate growth stages.

OTHER NON-CROP AREAS

(fencerows, hedgerows, roadsides (including aprons and guard rails), ditches, rights-of-way, utility, pipelines, powerlines, railroads, airports, commercial plants, storage and lumber yards, barrier strips and firebreaks, equipment areas, nurseries and ornamental plantings, fuel tank farms, pumping stations and other industrial sites)

For Noncropland Rights-of-Way use, do not apply more than 1.5 lb ae/acre (3 pints product) per year. Do not apply more than 2 applications per year with a minimum retreatment interval of 21 days.

For spot treatment Noncropland Rights-of-Way use, do not apply more than 3.0 lb ae/acre per year.

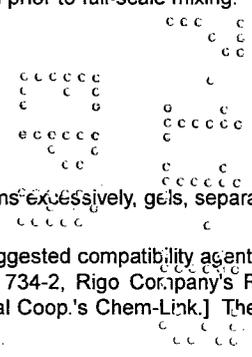
Roadsides (including aprons and guardrails), rights-of-way: For control of broadleaf weeds, mix at a rate of (4 to 5 pints) 0.25 to 0.625 gallons of this product per 50 to 300 gallons of water. This mixture will cover 1 acre. Thoroughly saturate all weeds with spray mixture. Apply any time between the time when plants come into full leaf (Spring) to when the plants begin to go dormant. Best results are obtained when weeds are young and actively growing. Do not cut weeds until herbicide has translocated throughout the plant causing root death. For small broadleaf weeds, use the lower rate. Heavy, dense stands require the higher rate with high water volume. For small (spot) applications with small tank sprayers, apply at the rate of 0.75 to 2.25 ounces of this product per gallon of water and spray to thoroughly wet all foliage.

For best results do not cut weeds. For control of woody plants, apply to both stems and foliage any time from the time foliage is completely matured until the time plants start to go dormant. All leaves, stems and suckers must be completely wet to the ground line for effective control. Regrowth may be anticipated on the more resistant species of this product. Add 4 to 5 pints of this product to 100 gallons of water applying 200 to 600 gallons of spray mixture per acre, depending upon the height and thickness of the brush. Mix thoroughly before spraying.

COMPATIBILITY

This product can be mixed with some liquid fertilizers or liquid iron materials. Because liquid fertilizers and liquid iron differ in pH, free ammonia content, density, salt concentration and percentage of water, a compatibility test (given below) is recommended prior to mixing in the application equipment. All regulations, either State or Federal, relating to the application of liquid fertilizers or liquid iron and this product must be strictly followed. The following compatibility test should always be performed prior to full-scale mixing.

1. Pour 18 ounces of water into a quart jar.
2. Add 1 ounce of either the liquid fertilizer or liquid iron to be used.
3. Add 1 ounce of this product.
4. Close jar and shake well.
5. Watch the mixture for several seconds after shaking and check again after 30 minutes.
6. If the mixture does not show signs of separating, the combination may be used. If the mixture foams excessively, gels, separates or gets very thick, do not combine for field application.
7. Compatibility may be improved by the use of a compatibility agent. [Optional Language: Some suggested compatibility agents to try are Kalo Laboratories Complex, Farm Chemicals Inc.'s Compat, Harcros Chemicals' T-Mulz 734-2, Rigo Company's Rigo Compatibility Agent, Witco Chemical's Sponto 168D, Amoco Oil's Amoco Spray Mate and Universal Coop.'s Chem-Link.] These



agents are all used in the same manner. Follow the previously outlined test procedures and add 1/6 ounce of the compatibility agent between steps (the compatibility agent must be added to the fertilizer or iron before adding this product.)

- 8. If the mixture does not separate, gel, foam or get very thick, it may be used for field application. Mix only the amount to be sprayed. Do not allow to stand overnight.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Always use original container to store pesticides in a secured warehouse or storage building. Store at temperatures above 25°F. Protect product from freezing. If allowed to freeze, remix well before using. This does not alter this product. Containers should be opened in well ventilated areas. Keep container tightly sealed when not in use. Do not stack cardboard cases more than two pallets high. Do not store near open containers of fertilizer, seed or other pesticides.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. If container is damaged or if pesticide has leaked, contain all spillage. Absorb and clean up all spilled material with granules or sand. Place in a closed labeled container for proper disposal. Improper disposal of excess pesticide, spray mixtures, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL:

[Nonrefillable Containers 5 Gallons or Less:] Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. **Triple rinse as follows:** Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

[Nonrefillable Containers Larger than 5 Gallons:] Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. **Triple rinse as follows:** Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. **Pressure rinse as follows:** Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

[Refillable Container Larger than 5 Gallons:] Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or a mix tank. Fill the container about 10% full with water and, if possible, spray all sides while adding water. If practical, agitate vigorously or recirculate water with the pump for two minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

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